

FIG. 1

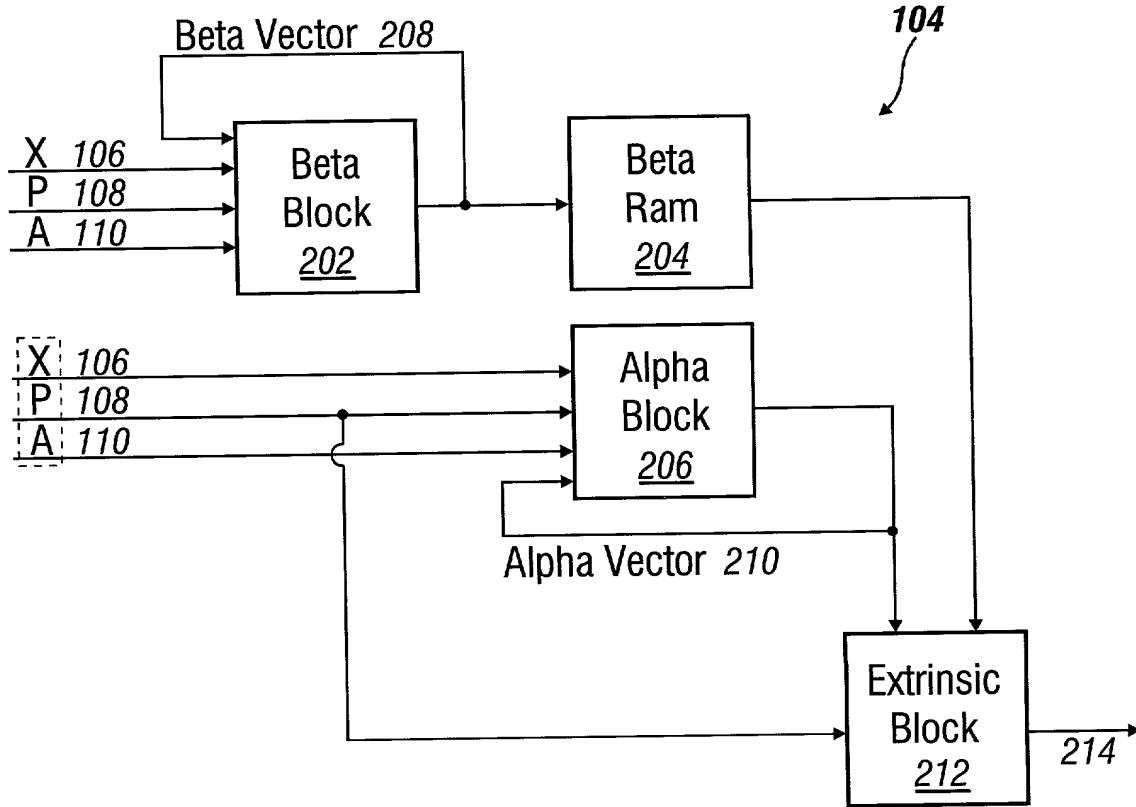
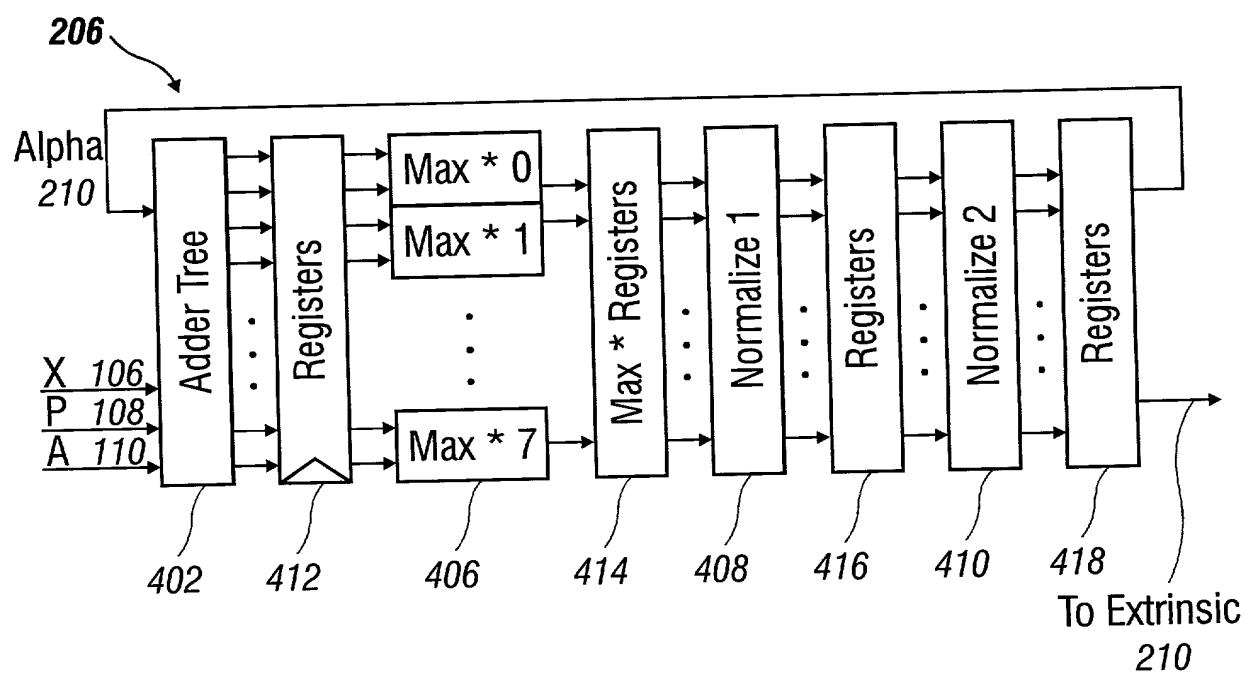
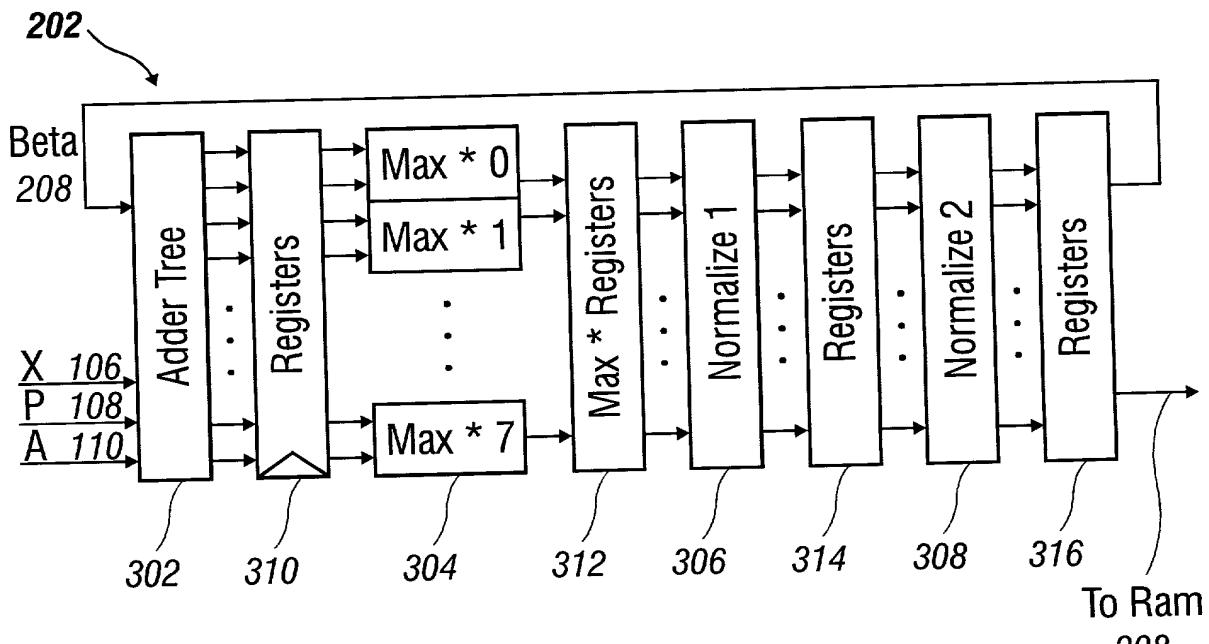


FIG. 2



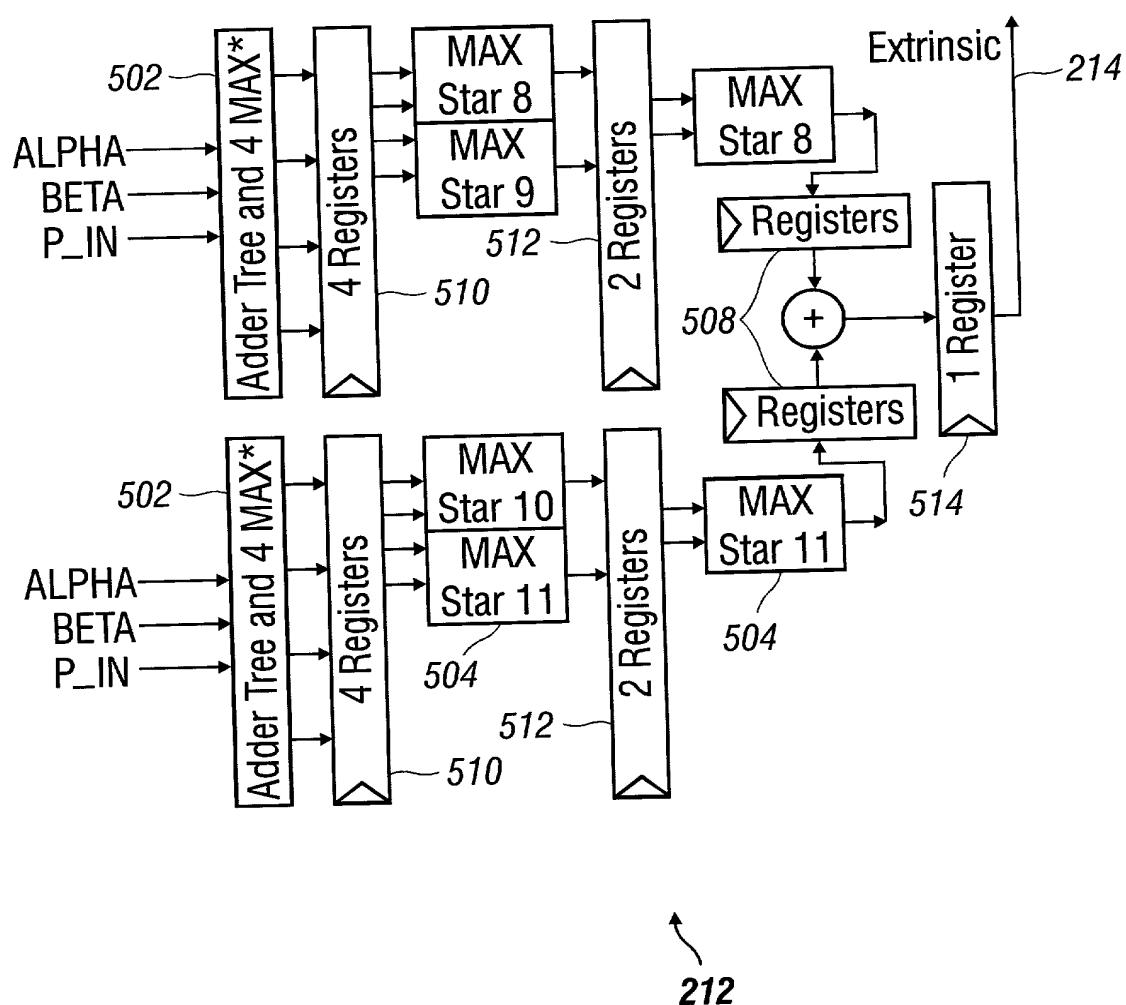


FIG. 5

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CLOCK CYCLE		TIME				
1	2	3	4	5		
$\beta_0, \text{ADD}$	$\beta_0, M^*$ $\beta_1, \text{ADD}$	$\beta_0, N1$ $\beta_1, M^*$ $\beta_2, \text{ADD}$	$\beta_0, N2$ $\beta_1, N1$ $\beta_2, \text{MAX}^*$ $\beta_3, \text{ADD}$	$\beta_1, N2$ $\beta_2, N1$ $\beta_3, \text{MAX}^*$	$\beta_2, N2$ .	$\beta_3, N1$ .
					...	...

FIG. 6

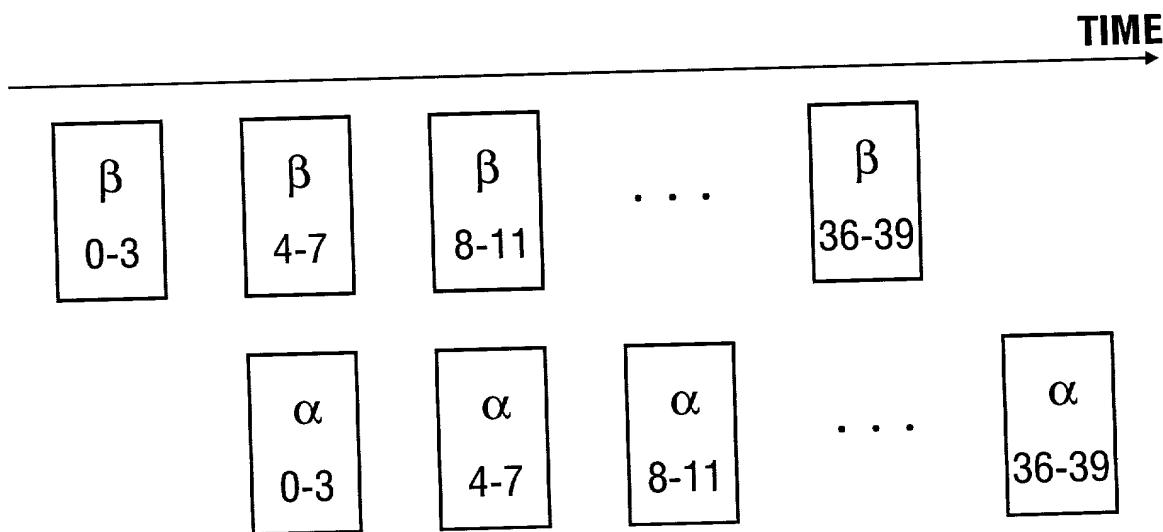
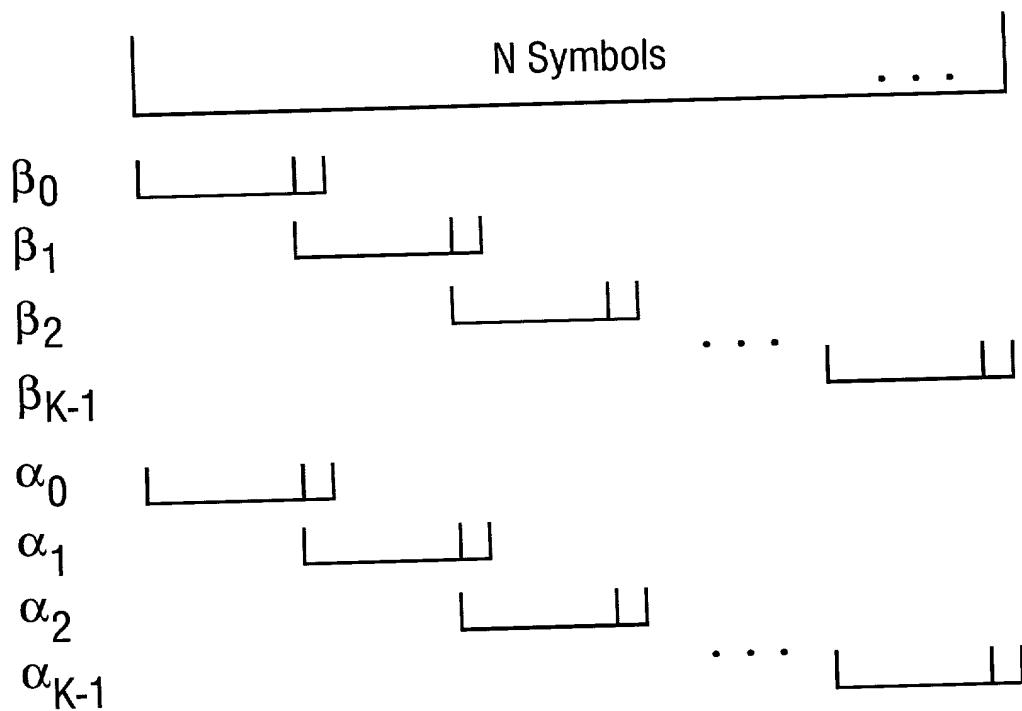


FIG. 7

**FIG. 8**

	<u>Start Prolog</u>	<u>End Prolog</u>	<u>Start Reliability</u>	<u>End Reliability</u>
$\beta_0$	123	100	99	0
$\beta_1$	223	200	199	100
$\beta_2$	323	300	299	200
$\beta_3$	423	400	399	300
$\alpha_0$	N/A	N/A	0	99
$\alpha_1$	76	99	100	199
$\alpha_2$	176	199	200	299
$\alpha_3$	276	299	300	399

**FIG. 9**